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SOURCE Soviet newspapers as indicated. (Information requested.)

NEW MACHINERY AND INSTRUMENTS INTRODUCED

MACHINE-BUILDING PLANT CONSTRUCTS NEW MACHINES ... Sovetskaya Esteniya, No 35,
12 Feb 49

The Novo-Kramatorsk Machine-Building Plant imeni Stalin is putting out new machines and equipment for the metallurgical, coal, and petroleum industries of the USSR. The enterprise fulfilled the 1948 plan 1½ months ahead of schedule. The plant constructs roller-conveyor units, hoists, reducing gear, coal-crushing drums, and other items.

LENINGRAD PLANTS MAKE NEW MEASURING INSTRUMENTS -- Leningradskaya Pravda, No 3,
5 Jan 49

The "Krasnyy Izobretatel" Plant has produced a number of new models and experimental series of supersensitive measuring instruments. Among them is an electrical device for measuring deformations of metal structures under the influence of compression, expansion, or deflection.

A special booster has been constructed, which makes it possible for an oscillograph to record changes in tension of a structure, for example, deformations of a bridge when a train is passing over it.

Leningradskaya Pravda, No 3, 5 Jan 49

The Leningrad Instrument Plant has successfully started production of new types of precision instruments and other complex instruments and measuring devices.

Production of a simple cutting instrument was discontinued, and, in its place, continuous mass production of beam compasses with 0.02 millimeter graduations was introduced. The plant has also started serial production of lever-sensitive micrometers, "passameters," teeth-measuring instruments, and other complex measuring instruments.

The inventors of the plant have contributed a great deal to the introduction of new types of production. Mechanic A. Monakhov spent many years

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working on the design of a successful new measuring instrument which would surpass the best foreign products. At present, the plant produces three types of a lever-arm instrument designed by Monakhov. They all passed the test in the measuring laboratory of the plant.

NEW RADIO SETS BUILT -- Leningradskaya Pravda, No 35, 12 Feb 49

Workers of the "Radiotekhnika" Plant are manufacturing the Riga-912, a new battery radio set intended for use in rural localities. It is a two-tube portable model which operates on long-wave and medium-wave bands. Great attention has been devoted to the construction of the loud-speaker which is highly sensitive. During the present year the "Radiotekhnika" Plant will produce thousands of such sets for rural areas.

Sovetskaya Estoniya, No 3, 5 Jan 49

On 1 January 1949, the "Punane RET" Radio Plant started production of a newly designed radio receiver called the "Super-Heterodyne," which has been approved by the Moscow Chamber of Commerce.

Unlike the three-band instruments which were produced in 1948, the "Super-Heterodyne" operates on four bands. With regard to its acoustical qualities, the new radio receiver is considered the best in the Soviet Union.

The plant will soon start production of 5-tube battery receivers. Plant designers are working on a plan for an inexpensive 3-tube radio receiver.

ENGINES FOR RIVER BOATS -- Kazakhstanskaya Pravda, No 26, 8 Feb 49

Gur'yev Machinery Plant is putting out engines for river boats of the fishing kolkhozes.

Sovetskaya Estoniya, No 3, 5 Jan 49

The Gorodets Machinery Plant of the Ministry of the River Fleet USSR, Gor'kiy Oblast, has produced a loading machine with a capacity of 1.5 tons, which stacks freight up to a height of 3 meters. The machine was designed by Engineer S. A. Rozenfel'd. Preliminary tests have shown that one loading machine does the work of 30 loaders.

MACHINERY PLANT OUTPUT UNSATISFACTORY -- Stalinskoye Znaniye, No 8, 12 Jan 49

The "Strovmashina" (Construction Machinery) Plant in Andizhan fulfilled the 1948 plan for gross production output 100 percent and for finished goods production 100.2 percent. A recently held collegium of the Ministry of Road and Construction Machine Building called the work of the plant during the past year unsatisfactory, pointing out that the plan was completed at the expense of several orders and by production of less labor-consuming goods.

The plan for production of Diesels was fulfilled only 74 percent. The chief reason for 1948 failures was the delay in preparations for production of new types of products. The plant shops are not yet completely equipped to produce most types of parts for Diesels and pumps. The plant lost 1,229,000 rubles from defective production in 1948, 80 percent of which was the fault of the foundry. At a conference recently held at the plant, Director Burkutskiy stated that the plant plans to complete the 1949 plan by 7 November and will improve operations by converting to the assembly-line method in all shops and by introducing such new types of casting as chill and centrifugal.

- 2 -

SECRET

SECRET

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Stalinskoye Znamya, No. 3, 5 Jan 49

Burkutskiy, director of the "Strovmashina" (Construction Machinery) Plant, stated that the plant has been fulfilling the plan for output of Diesels since the beginning of the second half of 1948 and is successfully going into production of new products, centrifugal pumps and trench diggers.

SRETENSK PLANT EXCEEDS 1948 PLAN -- Zabaykal'skiy Rabochiy, No 1, 1 Jan 49

The Sretensk Plant completed the 1948 plan on 25 October and exceeded the 1950 production level by 5 percent, realizing 2,023,000 rubles in above-plan profits. The plant expects to complete the Five-Year Plan in 1949 and to introduce 154 large-scale organizational measures which will save 5 million rubles. The 40 efficiency measures adopted in 1948 resulted in 2,400,000 rubles savings. They included adoption of automatic welding, high-speed machining of metal and conversion of one shop to assembly-line production.

LENINGRAD MACHINERY PLANT HONORED -- Leningradskaya Pravda, No 35, 12 Feb 49

The Leningrad Machinery Plant of the Main Administration of the Construction of Petroleum and Gas Enterprises received the Transferable Red Banner of the Soviet of Ministers USSR and a money prize for results achieved in the all-Union socialist competition during the fourth quarter of 1948.

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- 3 -

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